

ABSTRACT OF THE DISCLOSURE

A data bus transfers data between at least one slave device and a plurality of master devices, and an arbiter grants access to each of the master devices. The slave device includes look-ahead apparatus that includes staging register for staging an identification of a master device and a decoder for comparing a staged identification to an identification of a command from the bus. The look-ahead apparatus issues split releases of a next master device while the slave device returns data associated with a prior command.